

Substitute for form 1449/PTO

JUN 30 2005

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

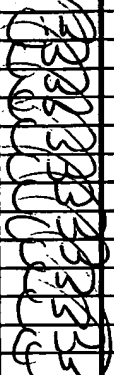
of

2

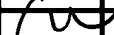
**Complete if Known**

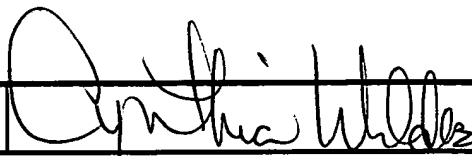
Application Number	10/742,301
Filing Date	12/18/2003
First Named Inventor	McGall
Art Unit	1637
Examiner Name	Cynthia B. Wilder
Attorney Docket Number	3402.1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 5,143,854	09/01/1992	Pirung et al.	
	2	US- 6,429,275	08/06/2002	McGall et al.	
	3	US- 6,410,675	06/25/2002	McGall et al.	
	4	US- 6,307,042	10/23/2001	Goldberg et al.	
	5	US- 5,959,098	09/28/1999	Goldberg et al.	
	6	US- 5,919,523	07/06/1999	Sundberg et al.	
	7	US- 5,384,261	01/24/1995	Winkler et al.	
	8	US- 6,050,193	04/18/2000	DeBoer et al.	
	9	US- 4,517,338	05/14/1985	Urdea et al.	
	10	US- 4,562,157	12/31/1985	Lowe et al.	
	11	US- 4,762,881	08/09/1988	Kauer	Col. 1, line 1-col. 3, line 52
	12	US- 3,849,137	11/19/1974	Barzynski et al.	
	13	US- 4,631,211	12/23/1986	Houghten	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	1	PCT WO 92/10092	06/25/1992	Fodor et al.		

Examiner  
SignatureDate  
Considered

6/24/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/742,301
Filing Date	12/18/2003
First Named Inventor	McGall
Art Unit	1637
Examiner Name	Cynthia B. Wilder
Attorney Docket Number	3402.1

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CW	1	PATCHORNIK, A., "Photosensitive Protecting Groups," <i>Journal of American Chemical Society</i> , Oct. 21, 1970, 92 (21): 6333-6335.	
CW	2	AMIT, B. ET AL., "Photosensitive Protecting Groups of Amino Sugars and Their Use in Glycoside Synthesis. 2-Nitrobenzyloxycarbonylamino and 6-Nitroveratryloxycarbonylamino Derivatives," <i>Journal of Organic Chemistry</i> , 1974, 39(2): 192-196.	
CW	3	REICHMANIS, E. ET AL., "o-Nitrobenzyl Photochemistry: Solution vs. Solid-State Behavior," <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1985, 23: 1-8.	
CW	4	"S-Ethylthio-1H-tetrazole as an Activator in Oligonucleotide Synthesis," <i>Annovis Technical Bulletin</i> , No. 56, September 2001, Annovis, Inc.	
CW	5	WINCOTT, F. ET AL., "Synthesis, deprotection, analysis and purification of RNA and ribozymes," <i>Nucleic Acids Research</i> , 1995, 23, 14: 2677-2684.	
CW	6	TSOU, D. ET AL., "Large Scale Synthesis of Oligonucleotides on High-Loaded Polystyrene (HLP) Support," <i>Nucleoside Nucleotide</i> , 1995, 14 (7): 1481-1492.	
CW	7	WRIGHT, P. ET AL., "Large Scale Synthesis of Oligonucleotides via Phosphoramidite Nucleosides and a High-Loaded Polystyrene Support," <i>Tetrahedron Letters</i> , 1993, 34 (21): 3373-3376.	
CW	8	ELEUTERI, A. ET AL., "Pyridium trifluoroacetate/N-methylimidazole as an efficient activator for oligonucleotide synthesis via the phosphoramidite method," <i>Organic Process Research and Development</i> , 2000, 4: 182-189.	
CW	9	HAYAKAWA, Y. ET AL., "Acid/Azole Complexes as Highly Effective Promoters in the Synthesis of DNA and RNA via the Phosphoramidite Method," <i>Journal of American Chemical Society</i> , Aug. 29, 2001, 123 (34): 8165-8176.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.